

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-016476**Date Inspected:** 27-Aug-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu tao / Wang jie**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#19

FCAW welding of weld joint 2F-026 located on PCMK SB019-076 of SB76E the welder is identified as 062808. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

FCAW welding of weld joint 2F-032 located on PCMK SB016-076 of SB76W the welder is identified as 062755. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

This QA inspector performed UT 10% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as OBG Suspender bracket. The weld designations reviewed as follows.

SB74E

SB019-078-004,005,007,008,018,019,020,025,049,061,031,067.

SB80W

SB017-080-004,005,007,011,018,020,025,037,061,031,067.

SB76W

SB016-076-001,004,005,007,008,011,018,019,020,025,037,061,067.

WELDING INSPECTION REPORT

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BAY#14

This QA inspector performed UT 10% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as OBG Segment 13BE. The weld designations reviewed as follows.

SEG3011A-008.

SEG3007AE-004.

SAW welding of weld joint 1G-002 located on PCMK SEG3014M of Segment 13BW the welder is identified as 045270. ZPMC QC is identified as Mr. Xia chun hui. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-L2c-S-2.

FCAW welding of weld joint 1G-007 located on PCMK SEG3007AD of Segment 13AE the welder is identified as 044790. ZPMC QC is identified as Mr. Wang Xu. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-B-U2-F.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

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| Inspected By: | Kumar,Chadra | Quality Assurance Inspector |
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| Reviewed By: | McClendon,Timothy | QA Reviewer |
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